

SENSATION

TRANSDUCTION

PERCEPTION

ABSOLUTE
THRESHOLD

	SENSE	ORGAN	ENERGY SOURCE	WHERE	ABSOLUTE THRESHOLD
1	SIGHT / VISUAL SENSE	EYE	Electromagnetic Energy (light waves)	Retina (photoreceptors)	Candlelight 30 mi. away on clear night
2	HEARING / AUDITORY SENSE	EAR	Changes in air pressure (sound waves)	Hair cells in Basilar membrane of cochlea	Ticking watch 20 ft. away in quiet room
3	SMELL / Olfactory Sense	NOSE	Chemicals in substance or gas form	Epithelial tissue of olfactory channel	one drop of perfume diffused in small house
4	TASTE / Gustatory sense	TONGUE; MOUTH	Chemicals dissolved in saliva	Receptor sites on taste cells in taste buds	One tsp. sugar dissolved in 2 gal. of water
5	TOUCH / Tactile Sense	SKIN	① Touch ② Pressure ③ Cold ④ warm ⑤ Pain	Receptor sites of sensory neurons	Wing of bee dropped on cheek 4/10 of in. away
6th - ESP			Kinesesthesia/Vestibular Sense		